

WWA 5.2.2. Release Notes

September 9, 2002

New Functionality:

1. (DCR 303/ TDR 71/ DCS 2429/ STDR 549) 1.11.02
Title: Porting WWA to Linux
Description: Making WWA available on Linux.
2. (DCR 304/ TDR 72 / DCS 2430 / STDR 550) 1.11.02
Title: Adding fire weather zones & capability.
Description: Allow fire weather zones selection and ability to create products on WWA.

Bug Fixes:

3. (FR none / SPR 4174 / DR 11336) 08.06.02
Title: WWA: The WWA Text WARNGEN window appears on an unexpected Xterm.
Description: When text is created and sent to the text workstation the product is not always sent to the same text workstation as where the WWA application is running.
4. (FR none / SPR 4171 / DR 11363) 08.08.02
Title: WWA Make fireWX products unselectable
Description: Because of other problems prohibiting fireWX product to be created correctly within WWA there is a need to block the user from creating fireWX products within WWA. This will be done by making all fireWX selections found in the Composer pull down menu unselectable.
5. (FR none / SPR 3278 / DR 10509) 05.31.02
Title: WWA Some colors wrong in Linux WWA graphics.
Description: The background color for the WWA application comes up as a default color, grey , instead of as the system background color as it does on the HPs. The buttons in the color key also come up as this default grey color, instead of as the color that the button represents, such as yellow for watch, or red for warning.
6. (FR N/A / SPR 3834 / DR 10923) 5.29.02
Title: WWA: wwa_nwr and wwa_nwr_push need to be build on hp
Description: wwa_nwr and wwa_nwr_push are located in the adapt tree, which is build on linux for 5.2.2. However these binary files need to be compiled and run on HP.
7. (FR none / SPR 3797 / DR 10895) 5.29.02
Title: WWA Change ingest bat routines to remsh into linux
Description: The ingest_wou program does not distinguish between a WOU issuance and a WOU update. So every time an updated WOU comes out, the product in the WWA monitor is replaced, and new text is created. This program needs to be smart enough so that it can recognize that this is an update, and not a reinsert the product, nor recreate text for the watch, since it is already in existence. This reflects the recent WCN process change made by SPC & OS.

- (FR N/A / SPR none / DR 10722) 5.29.02
8. **Title: WarnGen: Expand date in VTEC string**
Description: OS has changed the VTEC line to include YY, MM, T, Z fields.
- (FR none / SPR 3180 / DR 10347) 5.29.02
9. **Title: WWA: Modify strnstr call for use Linux**
Description: Calls to strnstr() were commented out so that the wwa_nwr code would compile in LINUX. The need remains to go back and modify the code to get around the lack of strnstr function so that wwa_nwr works as intended in Linux. This will only become a problem once the DS goes to linux. (This will only be a problem once DS goes to linux)
- (FR 229 / SPR 3077 / DR 10058) 5.23.02
10. **Title: WWA: Cannot distinguish adjacent sites NWR messages**
Description: NWR messages generated locally will have the same name in the browser as those products which were created from an adjacent site's product. (Merge from 5.2.1)
- (FR none / SPR 3688 / DR 10787) 5.29.02
11. **Title: WWA: Install scripts need to be updated for 5.2.2.**
Description: Install scripts need to be updated to account of tasks previously managed by the IFPS install process.
- (FR none / SPR 3752 / DR 10844) 5.29.02
12. **Title: WWA Change ingest bat routines to remsh into linux**
Description: Because the ingest_wcl, ingest_wou, ingest_sev, ingest_saw programs are being compiled under linux (adapt), the associated ingest.bat files launched from the db trigger on the ds (ds still running HP platform) need to be changed so the ingest binary files are launched through a remsh from the HP into a lx system
- (FR none / SPR 3637 / DR 10936) 5.29.02
13. **Title: WWA: WCN VTEC string not updated to new format**
Description: WCN VTEC string not updated to latest WCN change.
- (Lieu, FR 555 / SPR 3754 / DR 10902) 5.15.02
14. **Title: WWA: Segmented UGC lines going over 69 chars**
Description: In certain cases, the segmented UGC line in the formatted text will be over 69 characters in length.
- (FR N/A / SPR 3780 / DR 10861) 5.16.02
15. **Title: WWA: Unable to launch WWA without FW wwa_flist entries in WWA db.**
Description: WWA cannot be launched without Fire Weather wwa_flist entries in the WWA database. These fire weather entries are not going to be available until IFPS 10. Therefore, WWA is unable for testing until the wwa_flist entries are created.
- (FR N/A / SPR 3735 / DR 10717) 5.17.02
16. **Title: WWA on HP needs to run the Linux version of WWA**
Description: Develop a remote method, such as a remsh, to launch WWA from linux but displayed on the HP.

- (FR none / SPR 3689 / DR 10788) 5.8.02
17. **Title: WWA: WWA characteristics db change for FW injection**
Description: With fire weather added to WWA 5.2.2 it is necessary to add new columns to the WWA db, characteristics table, to support FW headline injection. wwa_changes_db.sql updated here.
- (FR none / SPR 3701 / DR 10731) 5.3.02
18. **Title: WWA: WWA_Setup not launching (seg fault, core dump)**
Description: When attempting to launch the wwa_setup GUI it generates a seg fault
- (FR none / SPR 3277 / DR 10507) 4.12.02
19. **Title: WWA Wrong character used in times in Linux WWA graphics**
Description: The character “H” is used in the time sections of the WWA Monitor, instead of an “A” for AM and a “P” for PM. A strange character is used when displaying the times upon a middle mouse click over an active products in the WWA GeoViewer. The correct output is seen in the text products, however.
- (FR none / SPR 3276 / DR 10506) 04.19.02
20. **Title: WWA Monitor size and resize problems in Linux**
Description: In Linux, the WWA monitor is launched twice the size as it normally is on the Hps. There is blank space between the buttons and the bottom of the window that should be removed. Resizing the WWA Monitor also shows problems. Shrinking the window can cause strange results in the WWA Monitor view.
- (FR none / SPR 3280 / DR 10511) 4.5.02
21. **Title: Ingest routines create unusable product in WWA (or no product at all)**
Description: The recommended product which is created within WWA from the ingest_saw and ingest_sev routines cannot be used within WWA. These products are saved with an wx_hazard = “Severe Thunderstorm” and a specific_ex_hazard = “”. These products now are represented in the WWA hazards menu after the 5.1.2.2 patch as wx_hazard =” Severe Weather” and specific_wx_hazard = “Severe Thunderstorm”, So sites cannot click on the recommended product and create a new Severe Thunderstorm watch from that product. Also, the ingest_wcl and ingest_wou programs will fail since it cannot find an entry in the characteristics database with wx_hazard =”Severe Thunderstorm” and specific_wx_hazard =”“.
- (FR N/A / SPR none / DR 10535) 5.8.02
22. **Title: WWA: Need to add WWA to Linux start menu**
Description: Need to add WWA to Linux start Menu
- (FR N/A / SPR 3189 / DR 10353) 4.19.02
23. **Title: WWA: Fire WX modification**
Description: Make some further modifications to Fire Weather Functionality to insure that it works properly, and that the new value of ugc_type (“F”) as set in the wwa_setup program, will be used by WWA in determining the map type for the selected product.

- (FR none / SPR 3381 / DR 10620) 4.12.02
24. **Title: WWA: Severe Thunderstorm/Tornado bugs (5.2.2)**
Description: With change to new characteristics table, the generic and specific names for Severe Thunderstorm and Tornado watches were changed. However, in the WWA client and WWA library code, these names were hard coded using the old names for these watches. (More info in SPR/DR description)
- (FR N/A / SPR 3190 / DR 10354) 4.01.02
25. **Title: WWA: Add FireWx to WWA setup program**
Description: Add an option for FireWx to the wwa_setup gui under the “UGC Format” section. Have this option set ugc__type “f” in the characteristics table of the wwa database for that particular product, much like selecting County will set the value to “c”
- (FR N/A / SPR 3058 / DR 10030) 3.18.02
26. **Title: WWA VTEC increments for segmented products**
Description: When creating a segmented product with hazards that have similar issuance ids the ETN# should be the same for all the products. However, if after saving the products and one has a different start time, the number will be different than those with the same start time. (Merge from 5.2.1)
- (FR none / SPR 3291 / DR 10520) 3.19.02
27. **Title: WWA: wwa_setup GUI purge offset bug (5.2.2)**
Description: There is an error modifying the product purge offset (hour) field. If you edit the field then an error occurs when you hit “Apply” or “OK” to update the database. If you made any changes to any other field than because of this error, none of them will get saved to the database. So basically it looks like right now you can’t edit the product purge offset time at all using wwa_setup.
- (FR none/ SPR none / DR 10142) 01.24.02
28. **Title: WWA: WWA Hazard template file merge**
Description: Merge template file changes into build 5.2.2.
- (FR N/A / SPR 3168 / DR 10287) 02.15.02
29. **Title: WWA: wwa_setup gui font problems**
Description: After porting WWA to linux some GUI problems were noticed. In the wwa_setup GUI the fonts seemed to be reversed.
- (FR none / SPR 3193 / DR none) 02.15.02
30. **Title: WWA: Migrate changes made to newchars.unl into 5.2.2**
Description: Changes were made to the newchars.unl file first used in the 5.1.2.2 patch. These changes need to be migrated into the 5.2.2 workset. Based from SPR 2580.
- (FR N/A / SPR 3170 / DR 10288)
31. **Title: WWA: WWA Won’t run at startup**
Description: WWA Won’t run at startup from the initial porting from HP to Linux.

- (FR 805 / SPR 4038 / DR 11152) 07.12.02
32. **Title: WWA: Change wwa.bat scripting language (ksh to sh)**
Description: Due to some environmental file sourcing issues the wwa.bat file needs to be changed from the korn shell to the bourne shell.
- (FR none / SPR none / DR 11191) 7.19.02
33. **Title: WWA: Remove construction icon from Linux start menu for WWA**
Description: Remove construction icon from Linux start menu for WWA. Primed from 10535
- (FR none / SPR none / DR 11059) 6.28.02
34. **Title: OCONUS only (AFC): Database errors prevent WWA from creating NWR products.**
Description: Closed. Configuration problem on test bed.
- (FR none / SPR 4096 / DR 11232) 7.23.02
35. **Title: Config_nwr_header not in stage_wwa**
Description: config_nwr_header missing in stage_wwa script.
- (FR none / SPR 4121 / DR 11257) 7.23..02
36. **Title: wwa_nwr scripts not in stage_wwa_hp**
Description: both wwa_nwr.awk & wwa_nwr_short_fuse.pl missing from stage_wwa.
- (FR none / SPR none / DR 11451) 8.29..02
37. **Title: WWA unable to push proposed products**
Description: WWA is not pushing proposed products to adjacent sites.